

Substitute for Form 1449 A & B/PTO				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	Not Assigned
<i>(use as many sheets as necessary)</i>				Confirmation Number	Not Assigned
				Filing Date	September 16, 2003
				First Named Inventor	Sang-Yup LEE
				Art Unit	Not Assigned
				Examiner Name	Not Assigned
Sheet		1	of	2	Attorney Docket Number
					Q77446

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
dw		US 6,143,952		11/07/2000	Srienc et al.

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Country Code ³	Number ⁴		
dw		WO	01/55436	A1	08/02/2001
dw		WO	98/54329		12/03/1998
dw		WO	99/61624		12/02/1999

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.			Translation ⁶
dw		Fukui et al., "Expression and Characterization of (R)-Specific Enoyl Coenzyme A Hydratase Involved in Polyhydroxyalkanoate Biosynthesis by <i>Aeromonas caviae</i> ," <i>Journal of Bacteriology</i> , Vol. 180, No. 3, (February 1998), pp. 667-673			
dw		Tsuge et al., "Molecular cloning of two (R)-specific enoyl-CoA hydratase genes from <i>Pseudomonas aeruginosa</i> and their use for polyhydroxyalkanoate synthesis," <i>FEMS Microbiology Letters</i> 184, (1999), pp. 193-198			
dw		Taguchi et al., "Co-expression of 3-ketoacyl-ACP reductase and polyhydroxyalkanoate synthase genes induced PHA production in <i>Escherichia coli</i> HB101 strain," <i>FEMS Microbiology Letters</i> 176, (1999), pp. 183-190			
dw		Ren et al., "FabG, an NADPH-Dependent 3-Ketoacyl Reductase of <i>Pseudomonas aeruginosa</i> , Provides Precursors for Medium-Chain-Length Poly-3-Hydroxyalkanoate Biosynthesis in <i>Escherichia coli</i> ," <i>Journal of Bacteriology</i> , Vol. 182, No. 10, (May 2000), pp. 2978-2981			
dw		Park et al., "Metabolic engineering of <i>Escherichia coli</i> for the production of medium-chain-length polyhydroxyalkanoates rich in specific monomers," <i>FEMS Microbiology Letters</i> 214, (2002), pp. 217-222			
dw		Qi et al., "Synthesis of poly(3-hydroxyalkanoates) in <i>Escherichia coli</i> expressing the PHA synthase gene <i>phaC2</i> from <i>Pseudomonas aeruginosa</i> : comparison of <i>PhaC1</i> and <i>PhaC2</i> ," <i>FEMS Microbiology Letters</i> 157, (1997), pp. 155-162			
dw		Qi et al., "Metabolic routing towards polyhydroxyalkanoic acid synthesis in recombinant <i>Escherichia coli</i> (<i>fadR</i>): inhibition of fatty acid β -oxidation by acrylic acid," <i>FEMS Microbiology Letters</i> 167, (1998), pp. 89-94			
dw		Langenbach et al., "Functional expression of the PHA synthase gene <i>phaC1</i> from <i>Pseudomonas aeruginosa</i> in <i>Escherichia coli</i> results in poly(3-hydroxyalkanoate) synthesis," <i>FEMS Microbiology Letters</i> 150, (1997), pp. 303-309			

Examiner Signature	dw	Date Considered	11/24/05
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dw		Snell <i>et al.</i> , "YfcX Enables Medium-Chain-Length Poly(3-Hydroxyalkanoate) Formation from Fatty Acids in Recombinant <i>Escherichia coli fadB</i> Strains," <i>Journal of Bacteriology</i> , October 2002, pp. 5696-5705					
dw		Steinebach <i>et al.</i> , "Cloning of the <i>maoA</i> gene that encodes aromatic amine oxidase of <i>Escherichia coli</i> W3350 and characterization of the overexpressed enzyme," <i>Eur. J. Biochem.</i> , Vol. 237, (1996), pp. 584-591					
dw		Blattner <i>et al.</i> , "The Complete Genome Sequence of <i>Escherichia coli</i> K-12," <i>Science</i> , Vol. 277, (September 5, 1997), pp. 1453-1462					
dw		Jeong <i>et al.</i> , "Excretion of Human β -Endorphin into Culture Medium by Using Outer Membrane Protein F as a Fusion Partner in Recombinant <i>Escherichia coli</i> ," <i>Applied and Environmental Microbiology</i> , (Vol. 68, No. 10, (October 2002), pp. 4979-4985					
dw		Park <i>et al.</i> , "Enrichment of specific monomer in medium-chain-length poly(3-hydroxyalkanoates) by amplification of <i>fadd</i> and <i>fadE</i> genes in recombinant <i>Escherichia coli</i> ," <i>Enzyme and Microbial Technology</i> , Vol. 33, (2003), pp. 62-70					
dw		Matsusaki <i>et al.</i> , "Cloning and Molecular Analysis of the Poly(3-hydroxybutyrate) and Poly(3-hydroxybutyrate-co-3-hydroxyalkanoate) Biosynthesis Genes in <i>Pseudomonas</i> sp. Strain 61-3," <i>Journal of Bacteriology</i> , Vol. 180, No. 24, (December 1998), pp. 6459-6467					
dw		Peeckhaus <i>et al.</i> , "Positive and Negative Transcriptional Regulation of the <i>Escherichia coli</i> Gluconate Regulon Gene <i>gnlT</i> by GntR and the Cyclic AMP (cAMP)-cAMP Receptor Protein Complex," <i>Journal of Bacteriology</i> , Vol. 180, No. 7, (April 1998), pp. 1777-1785					
dw		Sambrook <i>et al.</i> , "Molecular Cloning, Second Edition, A Laboratory Manual," <i>Cold Spring Harbor Laboratory</i> , (1989), pp. xi-xxxv					
dw		Kovach <i>et al.</i> , "Four new derivatives of the broad-host-range cloning vector pBBR1 MCS, carrying different antibiotic-resistance cassettes," <i>Gene</i> , Vol. 166, (1995), pp. 175-176					

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